State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5406-04

California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Scale System Controller
Digital Electronic
Model: Transfer Station
Version: 18.01

Submitted by:

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Standard Features and Options

Primary weight indications and motion detection are provided by the compatible and certified primary weight indicator

Weigh-in/weigh-out capability
Weight ticket printing
Manual weight ticket print capability
Vehicle, customer and product ID
Multiple weighing elements capability

Minimum system requirements:	Computer display
	Printer
	Computer mouse
	Alphanumeric keyboard
Operating system:	MPE/IX
Program language:	Fortran
Hardware:	Pentium 133 Mhz, 120MB RAM, 20 MB HD

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: September 21, 2004

Mike Cleary, Director

American Computer Services, Inc
Scale System Controller
Model: Transfer Station

Application: The Transfer Station is a scale controller software used to weigh waste and recyclable materials when interfaced to approved weighing and indicating elements.

Identification: The required identification, manufacturer's name, model number, and version number are displayed prominently at the top of the menu bar on the monitor throughout the application.

Sealing: The software requires no provision for sealing and is protected by a password that is retained by the manufacturer. The metrological integrity of the system is maintained by the sealing methods of the weighing and indicating elements.

Operation: The system may be used as a stand-alone configuration or may be interfaced to a computer with individual systems operating from a network server. The system captures a vehicle's in-bound weight and stores it until the vehicle returns. When the vehicle returns, the out-bound weight information is captured. The in-bound and out-bound weights are recalled and a weighmaster ticket with a calculated net weight is printed. Customer, vehicle, and other pertinent data are also printed on the weight ticket. Manual weights may be entered for giving credit and for entering weight information from other certified tickets. All manual weights are identified as "Man Wt" on the weight ticket.

Test Conditions: The Model Transfer Station, Version 18.01, was tested interfaced to a Rice-Lake Weighing Systems digital weight indicator Model IQ+350-XY (Certificate of Conformance Number 97-130A2) which was also interfaced to an American Scale Company vehicle scale Model 6x7010 (Certificate of Conformance Number 96-084A1). The system was tested with the scale at zero and at near capacity. The emphasis of the evaluation was on device design, operation, interaction with the scale, and the weighmaster ticket printing capability.

Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2004 Edition

Tested By: S. Boyd (CA)